



Attorney Docket No. 8415685.P032

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A. Williams
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Patent

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:)
Louis C. Yun, et al.) Examiner: J. Logsdon
Application No.: 09/437,764)
Filed: November 9, 1999)
For: DOWNLINK SIGNAL)
PROCESSING IN CDMA SYSTEMS)
UTILYZING ARRAY OF ANTENNAE)

Assistant Commissioner for Patents
Washington, D.C. 20231

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AUG 09 2002

Technology Center 2600

PRELIMINARY AMENDMENT

Sir:

Prior to examination please enter the following amendments:

IN THE CLAIMS

Please amend claims 1, 4, 10-18 and 19. Please add claims 24 – 46 as follows:

1. (Amended) A method to determine a cellular communication base station (BS) antennae array weight set corresponding to a subscriber unit (SU), comprising:
transmitting a plurality of CDMA pilot downlink signals from the BS to the SU, each pilot downlink signal processed with a different weight set than the other pilot downlink signals;
receiving a report signal for at least one of the pilot downlink signals; and